



IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Qinbai FAN

Serial No.: 10/617,466

Filing Date: 11 July 2003

Title: PHOTOLELECTROLYSIS OF WATER  
USING PROTON EXCHANGE  
MEMBRANES

Group No.: 1742

Examiner:  
Zheng, Lois L.

**AMENDMENT**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed 06 May 2005, please amend the subject patent application as follows:

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 7 of this paper.

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I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

12 July 2005

12 July 2005  
Date

Mark R. Foy  
Signature

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**Amendments to the Drawings** begin on page 14 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 15 of this paper.

An **Appendix** including amended drawing figures is attached following page 26 of this paper.